

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



PCT

(43) International Publication Date  
8 September 2006 (08.09.2006)

(10) International Publication Number  
**WO 2006/092797 A3**

(51) International Patent Classification:  
**A61B 19/00 (2006.01)**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AF, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CI, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:  
**PCT/IL2006/000288**

(22) International Filing Date: 2 March 2006 (02.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/657,410 2 March 2005 (02.03.2005) US

(71) Applicant (for all designated States except US): DUNE MEDICAL DEVICES LTD. [IL/IL]; 20 Alon Hatavor Street, Industry Park, 38900 Caesaria (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HASHIMSHONY, Dan [IL/IL]; Simtat Hairit, 37808 Givat Ada (IL). YARDEN, Orit [IL/IL]; 22 Rehavat-Han, 54056 Givat Shmuel (IL). AHARONOWITZ, Gal [IL/IL]; 7 Hakalanit Street, 44910 Moshav Gan Haim (IL). COHEN, Gil [IL/IL]; 8 Davidson Street, 93706 Jerusalem (IL). GELTNER, Iddo [IL/IL]; 4 El-Al Street, 46588 Herzlia (IL).

(74) Agent: G.E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:  
8 February 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2006/092797 A3

(54) Title: DEVICE AND METHOD FOR TRANSPORTING AND HANDLING TISSUE

(57) Abstract: A device and method are provided for tissue handling, while maintaining the in-vivo tissue orientation. The device includes a structure, configured for receiving and holding a tissue specimen, wherein the tissue specimen includes tissue positional references; and device positional references, associated with the structure, for fixing the orientation of the tissue specimen, when held by the device, so as to reflect the tissue specimen positional references.